

CLAIMS

1. A flange for an oil filter adaptor, the flange comprising:

a peripheral sealing portion adapted to be contacted by and seal with a correspondingly sized and shaped mounting flange of the oil filter adaptor, the peripheral sealing portion defining at least one inlet opening and at least one outlet opening, there being at least one divider between the at least one inlet opening and the at least one outlet opening, the at least one divider extending between a first section of the peripheral sealing portion and a second section of the peripheral sealing portion, the first section being remote from the second section.

2. The flange of claim 1, wherein the peripheral sealing portion is substantially rectangular in shape, the first section being a first corner of the rectangle, the second section being a second corner of the rectangle, the first corner being diagonally opposite the second corner.

3. The flange of claim 2, wherein the at least one inlet opening is substantially triangular.

4. The flange of claim 2, wherein the at least one outlet opening is substantially triangular.

5. The flange of claim 2, wherein the at least one inlet is the same size, shape and area as the at least one outlet opening.

6. The flange of claim 1, wherein there is one inlet opening.
7. The flange of claim 1, wherein there is one outlet opening.
8. The flange of claim 1, wherein the at least one divider has an outer surface which is co-planar with a mating surface of the peripheral sealing portion.
9. The flange of claim 8, wherein there is one divider.
10. The flange of claim 1, being coupled to an engine component selected from the list consisting of an engine block, a ladderframe, and a bedplate.
11. An adaptor for an oil filter having an oil filter receiving portion, a body, and a mounting flange, the mounting flange having a first opening therethrough in operative communication with a first passage through the body and the oil filter receiving portion, and a second opening therethrough in operative communication with a second passage through the body and the oil filter receiving portion; the first opening and the second opening being separated by a divider, and the first passage and the second passage being separated by a barrier, the divider and the barrier being operatively connected.
12. The adaptor of claim 11, wherein the mounting flange is substantially rectangular and has a first corner and a second corner diagonally opposite the first corner, the divider extending between the first corner and the second corner.

13. The adaptor of claim 11, wherein the first opening is substantially triangular.
14. The adaptor of claim 11, wherein the second opening is substantially triangular.
15. The adaptor of claim 11, wherein the first opening and the second opening are of different sizes.
16. The adaptor of claim 11, wherein the divider has an outer surface which is coplanar with a mounting surface of the mounting flange.

17. An engine assembly comprising:

an engine component including one of an engine block, a ladder frame, and a bedplate;

a flange sealingly coupled to the engine component and including a peripheral sealing portion adapted to be contacted by and seal with a correspondingly sized and shaped mounting flange of the oil filter adaptor, the peripheral sealing portion defining at least one inlet opening and at least one outlet opening, there being at least one divider between the at least one inlet opening and the at least one outlet opening, the at least one divider extending between a first section of the peripheral sealing portion and a second section of the peripheral sealing portion, the first section being remote from the second section; and

an oil filter adaptor sealingly coupled to the flange and including an oil filter receiving portion, a body, and a mounting flange, the mounting flange having a first opening therethrough in operative communication with a first passage through the body and the oil filter receiving portion, and a second opening therethrough in operative communication with a second passage through the body and the oil filter receiving portion, and the first opening and the second opening being separated by a divider, and the first passage and the second passage being separated by a barrier, the divider and the barrier being operatively connected, and wherein the oil filter adaptor is operably positionable in first and second orientations relative to the flange, wherein the first opening overlies the inlet opening in the flange when the adaptor is in said first orientation, and wherein the first opening overlies the outlet opening in the flange when the adaptor is in said second orientation.

18. The engine assembly of claim 17, wherein the first and second openings of the oil filter adaptor are no larger than the inlet and outlet openings of the flange.